

# SPECTRUM™ TG



IMAGE FROM SF12SP KILN MONITORING SYSTEM  
DISPLAYED ON BASIC MONOCHROME MONITOR  
WITHOUT SPECTRUM™ TG



IMAGE FROM SF12SP KILN MONITORING SYSTEM  
DISPLAYED ON MONITOR WITH SPECTRUM™ TG

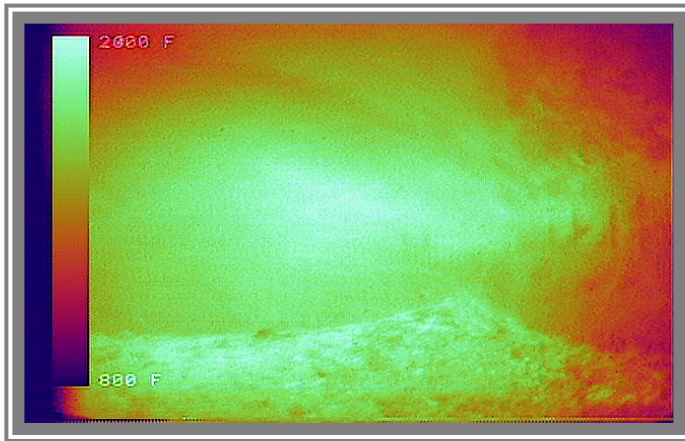


IMAGE FROM SF12IR SMELTBED IMAGING SYSTEM  
DISPLAYED ON MONITOR WITH SPECTRUM™ TG

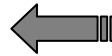


IMAGE FROM SF12IR SMELTBED IMAGING SYSTEM  
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**SYN-FAB's SAE0036-TG SPECTRUM™** is used in conjunction with our SF12 and SF30 series infrared imaging systems to display a high resolution video of the scene being monitored with a color thermograph overlay. The **SPECTRUM™ TG** is an easy to use image processor that will economically transform your infrared imaging system into a calibrated imaging pyrometer.

Infrared imaging systems produce a monochrome image as their basic video signal. (The infrared spectrum is beyond the visible color spectrum; therefore infrared cameras generate a monochrome image as their basic signal.) The infrared image is composed of a gray scale that ranges from white to black. Each level of this gray scale corresponds to a very small temperature band to which the **SPECTRUM™** assigns a color. The image can then be displayed as a color thermograph instead of a black and white "grayscale" image.

**SYN-FAB® INC.**

**HIGH TEMPERATURE & INDUSTRIAL PROCESS MONITORING SYSTEMS**

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